

Master of Architecture First Year Second Sem. Examination, 2017

ADVANCED LANDSCAPE ARCHITECTURE

Time: Three hours

Full Marks: 100

ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.

NOTE:

- Credit will be given to appropriate sketches and illustrations, gist and to-the-point answers.
- Blank and unused pages in between answers will be discredited.

1. Explain Ecological Productivity vis-à-vis Ecosystem Services. Describe the ecological approach to design. (8+12) = 20
 2. Elucidate the importance of Urban Biodiversity. Explain the CBD process for biodiversity assessment for Cities. 10 + 10 = 20
 3. Write a note on Landscape Urbanism. List and detail the different types of urban green spaces. 10 + 10 = 20
 4. Describe the importance of urban greeneries. Briefly highlight the salient features of the State-level legal tool for the protection of urban trees. 10 + 10 = 20
 5. Explain the potential design strategies for urban security and risk management with the help of sketches & examples. 5+ 15 = 20
 6. Elaborate the concept of Water Sensitive Urban Design with illustrations. Script the different 'source control options' for urban water management. 10 + 10 = 20
 7. Mention the significance of urban lighting. Describe the qualitative and quantitative criteria for such lighting design. 5+ 15 = 20
 8. Write short notes on (any **FOUR**):
a. Sustainable Development b. Ecological succession
c. NAPCC d. NLCP
e. Grading 5 x 4 = 20
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